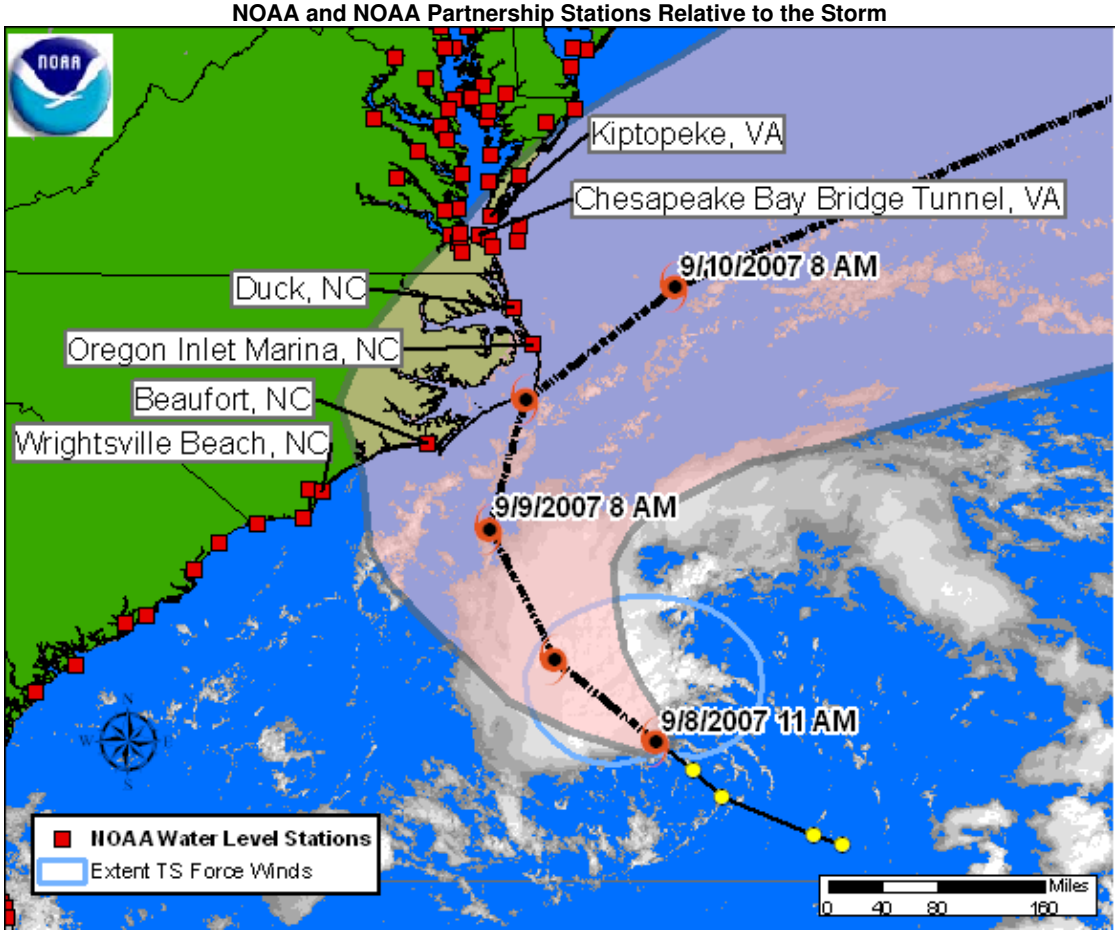
Subtropical Storm GABRIELLE QUICKLOOK
Posted: 12:30 EDT 09/08/2007

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

Plots below are updated automatically.

As of 9/8/2007 1230 EDT water levels along North Carolina coast and at the mouth of the Chesapeake Bay remain near or at predicted.

Next high tide predictions

Beaufort, NC: 18:51 EDT 3.9 ft
Wrightsville Beach, NC: ~18:00 EDT 4.6 ft
Oregon Inlet Marina, NC: 18:46 EDT 1.4 ft
Duck, NC: 18:18 EDT 3.9 ft
CBBT, VA: 19:15 EDT 3.1 ft
Kiptopeke, VA: 19:38 EDT 3.1 ft

For more data, please see the CO-OPS Tides & Currents page.
For information about this product, please see the Storm QuickLook homepage.

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

A TROPICAL STORM WARNING IS ISSUED FROM SURF CITY NORTH CAROLINA NORTHWARD TO THE NORTH CAROLINA/VIRGINIA BORDER.

At 11 AM EDT THE CENTER OF SUBTROPICAL STORM GABRIELLE WAS LOCATED ABOUT 255 MILES SOUTHEAST OF CAPE LOOKOUT NORTH CAROLINA.

MOVEMENT TOWARD NORTHWEST NEAR 10 MPH. MAXIMUM SUSTAINED WINDS 45 MPH. MINIMUM CENTRAL PRESSURE 1009 MB.

WINDS OF 40 MPH EXTEND OUTWARD UP TO 115 MILES TO THE NORTH FROM THE CENTER.

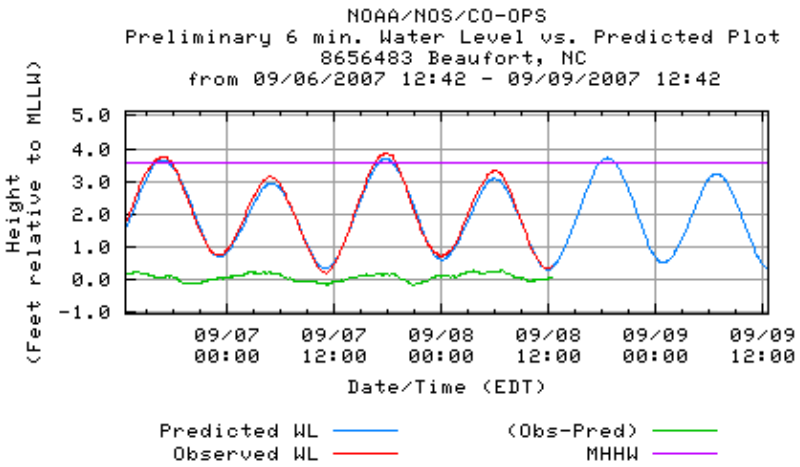
GABRIELLE IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 2 TO 4 INCHES ACROSS COASTAL SECTIONS OF NORTH CAROLINA WITH ISOLATED MAXIMUM AMOUNTS OF 6 INCHES.

Water level analyst: KE

For the purpose of timely release, data contained within this QUICKLOOK have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: **Beaufort - Water Level**, **Wrightsville Beach - Water Level**, **Wrightsville Beach - Winds**, **Wrightsville Beach - Barometric**, **Oregon Inlet Marina - Water Level**, **Duck - Water Level**, **Duck - Barometric**, **Chesapeake Bay Bridge Tunnel - Water Level**, **Chesapeake Bay Bridge Tunnel - Winds**, **Chesapeake Bay Bridge Tunnel - Barometric**, **Kiptopeke - Water Level**,

Beaufort, NC - Station Map Return to List

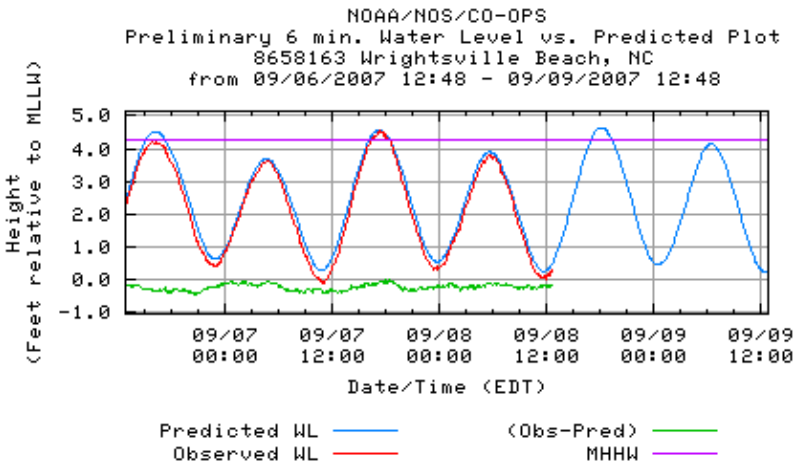


Last Observed Sample: 09/08/2007 12:30 (EDT)

Relative to MLLW: Observed: 0.41 ft. Predicted: 0.37 ft. Residual: 0.04 ft.

Historical Maximum Water Level: 09/16/1999, 2.74 ft. above MHHW

Wrightsville Beach, NC - Station Map Return to List

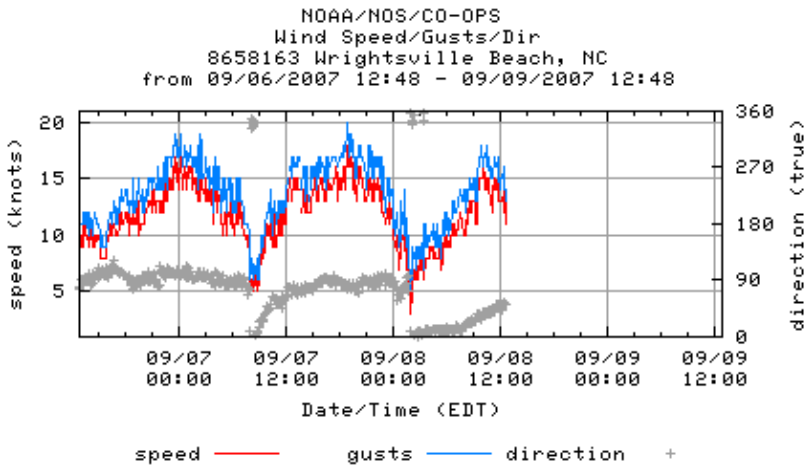


Last Observed Sample: 09/08/2007 12:36 (EDT)

Relative to MLLW: Observed: 0.31 ft. Predicted: 0.50 ft. Residual: -0.19 ft.

Historical Maximum Water Level: n/a

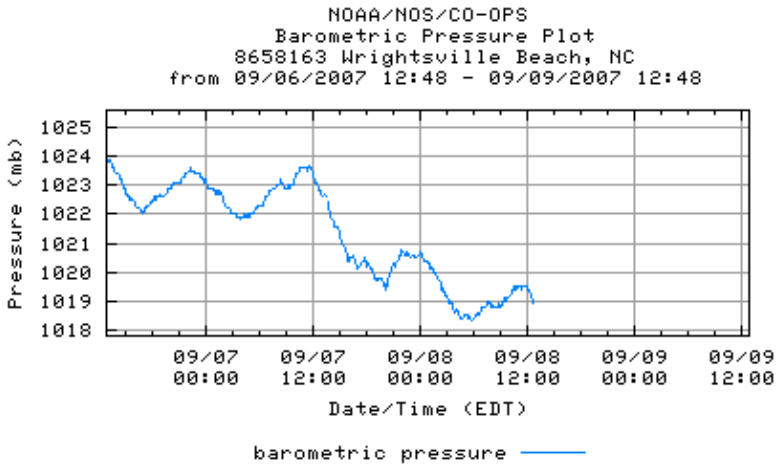
Wrightsville Beach, NC - Station Map Return to List



Last Observed Sample: 09/08/2007 12:36 (EDT)

Wind Speed: 11 knots Gusts: 13 knots Direction: 053° T

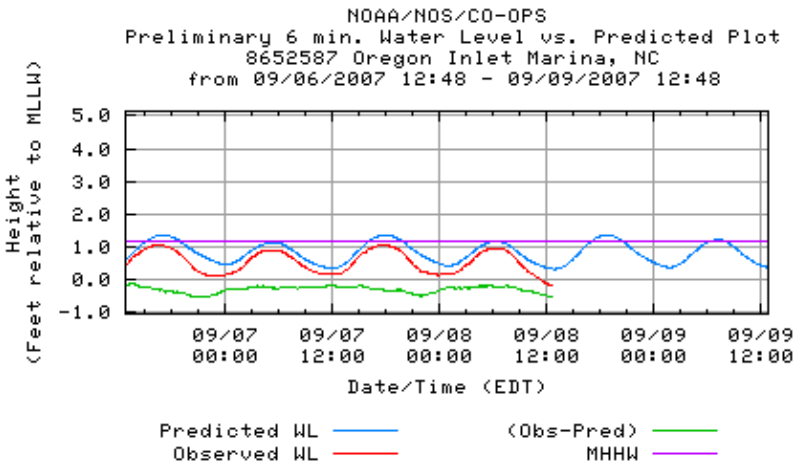
Wrightsville Beach, NC - Station Map Return to List



Last Observed Sample: 09/08/2007 12:36 (EDT)

Barometric Pressure: 1018.9 mb

Oregon Inlet Marina, NC - Station Map Return to List

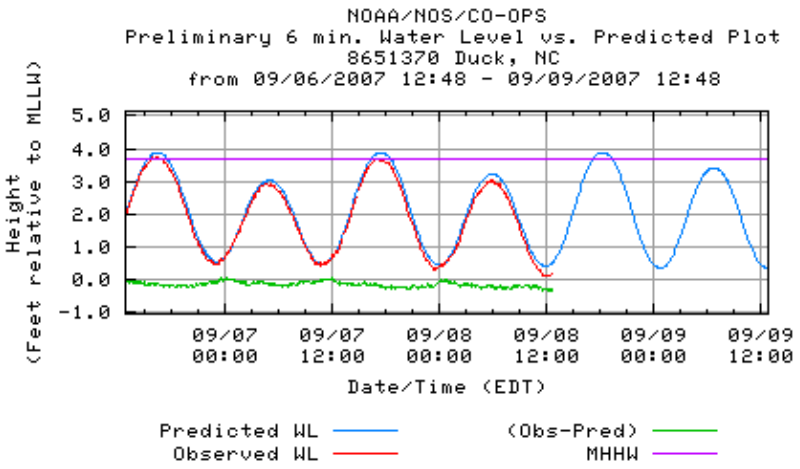


Last Observed Sample: 09/08/2007 12:36 (EDT)

Relative to MLLW: Observed: -0.18 ft. Predicted: 0.34 ft. Residual: -0.52 ft.

Historical Maximum Water Level: 09/16/1999, 4.49 ft. above MHHW

Duck, NC - Station Map Return to List

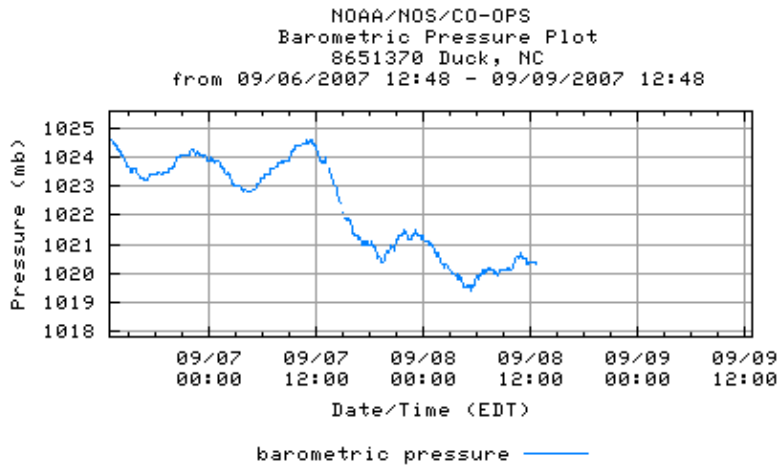


Last Observed Sample: 09/08/2007 12:36 (EDT)

Relative to MLLW: Observed: 0.20 ft. Predicted: 0.51 ft. Residual: -0.31 ft.

Historical Maximum Water Level: 08/30/1999, 3.23 ft. above MHHW

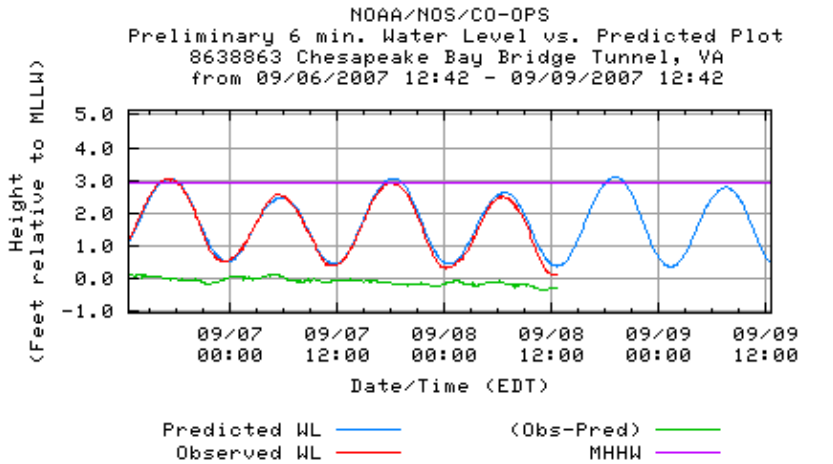
Duck, NC - Station Map Return to List



Last Observed Sample: 09/08/2007 12:36 (EDT)

Barometric Pressure: 1020.3 mb

Chesapeake Bay Bridge Tunnel, VA - Station Map Return to List

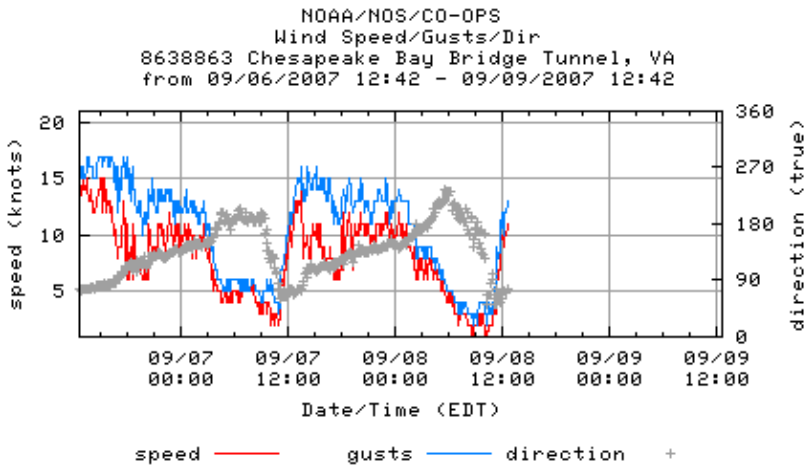


Last Observed Sample: 09/08/2007 12:36 (EDT)

Relative to MLLW: Observed: 0.10 ft. Predicted: 0.39 ft. Residual: -0.29 ft.

Historical Maximum Water Level: 02/05/1998, 3.68 ft. above MHHW

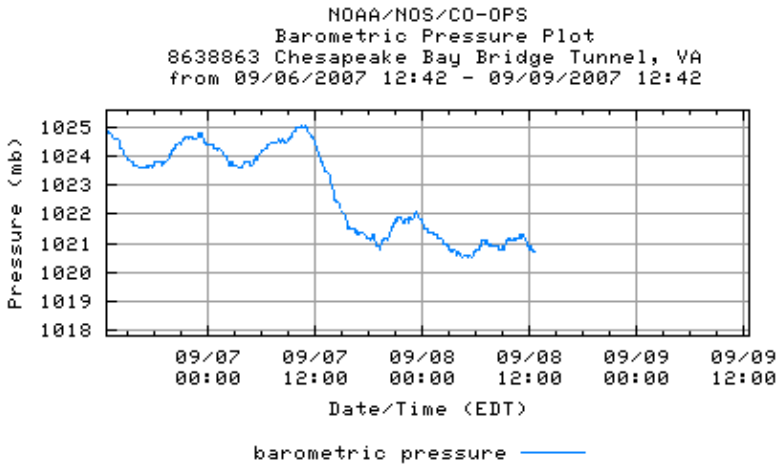
Chesapeake Bay Bridge Tunnel, VA - Station Map Return to List



Last Observed Sample: 09/08/2007 12:36 (EDT)

Wind Speed: 11 knots Gusts: 13 knots Direction: 076° T

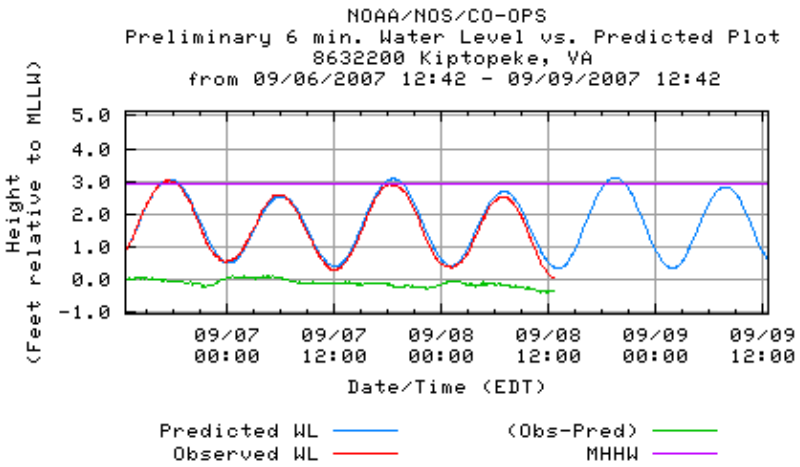
Chesapeake Bay Bridge Tunnel, VA - Station Map Return to List



Last Observed Sample: 09/08/2007 12:36 (EDT)

Barometric Pressure: 1020.7 mb

Kiptopeke, VA - Station Map Return to List



Last Observed Sample: 09/08/2007 12:36 (EDT)

Relative to MLLW: Observed: 0.05 ft. Predicted: 0.40 ft. Residual: -0.35 ft.

Historical Maximum Water Level: 03/08/1962, 4.13 ft. above MHHW

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce